

Title (en)

Signal recording apparatus and signal recording method

Title (de)

Signalaufzeichnungsgerät und -verfahren

Title (fr)

Appareil d'enregistrement de signal et méthode d'enregistrement de signal

Publication

EP 0837472 B1 20030423 (EN)

Application

EP 97117517 A 19971009

Priority

JP 27650096 A 19961018

Abstract (en)

[origin: EP0837472A2] A signal recording apparatus and a signal recording method for recording moving pictures, such as, a movie, without certifying an optical disc recording medium are provided. A recording section 10 of a signal recording apparatus 1 records moving picture data onto an optical disc. A defective sector detection circuit 31 reads, from the recording medium, a physical block address corresponding to the logical block address of the moving picture data to be recorded and detects an address error. When the address error is detected, an address control circuit 32 stops read counting from an RSPC working memory 14. When the defective sector detection circuit 31 detects a sector of the next good physical block address after detecting the address error, the defective sector detection circuit 31 supplies a restart signal to the address control circuit 32 so that recording starts at this good sector. A random access memory 24 stores physical block addresses of defective sectors, and records a list of the physical block addresses of the defective sectors onto the recording medium after all the moving picture data are recorded. <IMAGE>

IPC 1-7

G11B 20/18; H04N 5/94

IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

- EP 0866456 A1 19980923 - MATSUSHITA ELECTRONICS CORP [JP]
- EP 0889472 A1 19990107 - MATSUSHITA ELECTRIC IND CO LTD [JP]

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